

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	69	tip adj electrode same glue	USPAT	OR	ON	2007/04/23 13:49
L2	68	1 and @ad<"20040205"	USPAT	OR	ON	2007/04/23 13:38
L3	46	1 and @pd<"20030205"	USPAT	OR	ON	2007/04/23 14:48
L4	11	tip adj electrode and glue same (affix\$3 or fixation)	USPAT	OR	ON	2007/04/23 13:49
L5	13	("3646940"   "3724467"   "3822708"   "4282886"   "4338945"   "4379462"   "4418697"   "4519403"   "5121754"   "5417719"   "5501703"   "5733322"   "6319241").PN. OR ("7099718").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 14:03
L6	5	fixation same glue and lead with electrode and lead same catheter	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 14:04
L7	3	5 and catheter	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/04/23 14:09
L8	0	5 and catheter and glue	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/04/23 14:10
L9	0	5 and glue	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/04/23 14:10
L10	2	5 and catheter and adhesive	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/04/23 14:10
L16	17	("3253595"   "3543761"   "3737579"   "4030508"   "4157710").PN. OR ("4282886").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 14:46
L17	217	neural stimulation lead	US-PGPUB; USPAT; USOCR	WITH	OFF	2007/04/23 14:46
L18	78	17 and catheter	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 14:46
L19	32	17 same catheter	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 14:47
L20	41	(spine or spinal) same catheter same lead same advanc\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 14:48
L21	4	20 and @pd<"20030205"	USPAT	OR	ON	2007/04/23 14:48

## EAST Search History

S1	9	"4282886"	USPAT	OR	OFF	2005/08/26 13:03
S2	2	((("4282886") or ("6718212"))).PN.	USPAT; USOCR	OR	OFF	2005/08/26 13:03
S3	19	("3737579"   "4010758"   "4282886"   "4313448"   "4357946"   "4727880"   "4768523"   "5423806"   "5423878"   "5445608"   "5464447"   "5716392"   "5795331"   "5827265"   "5871532"   "5902324"   "6121341"   "6219579"   "6398797").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/26 13:03
S4	15	("3253595"   "3543761"   "3737579"   "4030508"   "4157710").PN. OR ("4282886"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/26 13:05
S5	1	("4768523").PN.	USPAT; USOCR	OR	OFF	2005/08/26 13:05
S6	56	("3587565"   "3805769"   "3812861"   "3815611"   "3840520"   "3911906"   "3994302"   "3998215"   "4008721"   "4016869"   "4066078"   "4074039"   "4094822"   "4125110"   "4141366"   "4237886"   "4273135"   "4282886"   "4299231"   "4352359"   "4391278"   "4406827"   "4524087"   "4539996").PN. OR ("4768523").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/26 13:06
S7	1	(S3 S4 S5) and suction	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/26 13:14
S8	2418	catheter with suction	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/26 13:20
S9	1675	catheter with suction	USPAT	OR	OFF	2005/08/26 13:33
S10	196	S9 with tissue	USPAT	OR	OFF	2005/08/26 13:31
S11	0	S9 with tissue with moisture	USPAT	OR	OFF	2005/08/26 13:27
S12	2	S9 with tissue with liquid	USPAT	OR	OFF	2005/08/26 13:27
S13	215	catheter with suction with (tissue adhesive)	USPAT	OR	OFF	2005/08/26 13:33
S14	0	catheter with suction with "tissue adhesive"	USPAT	OR	OFF	2005/08/26 13:34
S15	0	catheter with suction same "tissue adhesive"	USPAT	OR	OFF	2005/08/26 13:35
S16	8	catheter with suction with lead	USPAT	OR	OFF	2005/08/29 13:37
S17	32	catheter with suction same lead	USPAT	OR	OFF	2005/08/30 09:47

## EAST Search History

S18	94	("4166469"   "4774952"   "4787389"   "4817634"   "4865037"   "4884567"   "4946457"   "4991578"   "4991603"   "4998975").PN. OR ("5336252").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/29 15:58
S19	51	S18 and lead	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/29 16:08
S20	3	((("4946457") or ("4991578") or ("5330496"))).PN.	USPAT; USOCR	OR	OFF	2005/08/29 16:08
S21	0	S20 with suction	USPAT	OR	OFF	2005/08/29 16:10
S22	41	S19 and suction	USPAT	OR	OFF	2005/08/29 16:11
S23	94	("4166469"   "4774952"   "4787389"   "4817634"   "4865037"   "4884567"   "4946457"   "4991578"   "4991603"   "4998975").PN. OR ("5336252").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/30 09:26
S24	51	S23 and lead	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/30 09:26
S25	19	S24 and (suction with (fluid or moisture or liquid or blood or water))	USPAT	OR	ON	2005/08/30 09:27
S26	19	S24 and lead and (suction with (fluid or moisture or liquid or blood or water))	USPAT	OR	ON	2005/08/30 09:27
S27	4	catheter with suction with (fluid or moisture or liquid) same lead	USPAT	OR	OFF	2005/08/30 09:51
S28	0	catheter with aspirate with (fluid or moisture or liquid) same lead	USPAT	OR	ON	2005/08/30 09:52
S29	14	catheter with aspirat\$ with (fluid or moisture or liquid) same lead	USPAT	OR	ON	2005/08/30 10:32
S30	330	catheter with lead with balloon	USPAT	OR	ON	2005/08/30 10:35
S31	82	catheter with lead with balloon with inflat\$	USPAT	OR	ON	2005/08/30 11:06
S32	4	catheter with "tissue adhesive" with lumen	USPAT	OR	ON	2005/08/30 11:11
S33	0	lead with "tissue adhesive" with lumen	USPAT	OR	ON	2005/08/30 11:20
S34	468	(electrical or medical or cardiac) with lead with lumen	USPAT	OR	ON	2005/08/30 11:36
S35	266	(electrical or medical or cardiac) adj lead with lumen	USPAT	OR	ON	2005/08/30 11:22

## EAST Search History

S36	35	("20020016622"   "20020077685"   "20030093104"   "3737539"   "4106512"   "4360031"   "4506680"   "4577642"   "4606118"   "5002067"   "5143090"   "5246014"   "5353800"   "5396902"   "5415637"   "5431649"   "5447533"   "5496360"   "5807249"   "5837006"   "5906613"   "5987746"   "6010526"   "6052625"   "6102887"   "6144882"   "6192280"   "6346099"   "6366819"   "6416510"   "6493591"   "6512957"   "6567704"   "6613062").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/30 11:27
S37	5	S36 and lead with lumen with fluid	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/30 11:27
S38	396	(electrical or medical or cardiac) adj lead with catheter	USPAT	OR	ON	2005/08/30 11:37
S39	0	(electrical or medical or cardiac) adj lead with "tissue adhesive" with catheter	USPAT	OR	ON	2005/08/30 11:49
S40	27	(glue or "tissue adhesive") with (in or inside or interior) with "tip electrode"	USPAT	OR	ON	2005/08/30 13:37
S41	0	("20050027316").PN.	USPAT; USOCR	OR	OFF	2005/08/30 13:39
S42	1	("20050027316").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/30 15:02
S43	1	("4282886").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/30 13:55
S44	1	("5383899").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/30 15:20
S45	9	cow with laser	USPAT	OR	OFF	2005/08/30 15:25
S46	1	("6463335").PN.	USPAT; USOCR	OR	OFF	2005/08/31 16:40
S47	1	("6726920").PN.	USPAT; USOCR	OR	OFF	2005/08/30 16:04
S48	1	("6718212").PN.	USPAT; USOCR	OR	OFF	2005/08/30 16:04
S49	1	("6666844").PN.	USPAT; USOCR	OR	OFF	2005/08/31 10:17
S50	1	("6931286").PN.	USPAT; USOCR	OR	OFF	2005/08/31 10:21

## EAST Search History

S51	1	S50 and lead with lumen	USPAT	OR	OFF	2005/08/31 15:41
S52	143	catheter with balloon with suction	USPAT	OR	OFF	2005/08/31 16:36
S53	7	((("4282886") or ("5383899") or ("6463335") or ("6726920") or ("6718212") or ("6666844") or ("6931286"))).PN.	USPAT; USOCR	OR	OFF	2005/09/01 09:14
S54	71097	"7" and mapping	USPAT	OR	OFF	2005/09/01 09:15
S55	1	S53 and mapping	USPAT	OR	OFF	2005/09/01 10:47
S56	514	(607/116).CCLS.	USPAT; USOCR	OR	OFF	2005/09/01 09:34
S57	503	(607/116).CCLS.	USPAT	OR	OFF	2005/09/01 09:34
S58	232	(607/119).CCLS.	USPAT; USOCR	OR	OFF	2005/09/01 09:38
S59	1028	(607/122).CCLS.	USPAT; USOCR	OR	OFF	2005/09/01 09:38
S60	207	(607/126).CCLS.	USPAT; USOCR	OR	OFF	2005/09/01 09:38
S61	114	(607/129).CCLS.	USPAT; USOCR	OR	OFF	2005/09/01 09:40
S62	695	(607/149).CCLS.	USPAT; USOCR	OR	OFF	2005/09/01 09:43
S63	3	("tissue adhesive" or "fibrin glue" or "n-butl cyanoacrylate") with capsule	USPAT	OR	OFF	2005/09/01 10:02
S64	0	("tissue adhesive" or "fibrin glue") with tip adj electrode	USPAT	OR	OFF	2005/09/01 10:06
S65	1	("6901292").PN.	USPAT; USOCR	OR	OFF	2005/09/01 13:34
S66	2	("0207932").PN.	USPAT; USOCR	OR	OFF	2005/09/01 13:34
S67	31	(607/130).CCLS.	USPAT; USOCR	OR	OFF	2005/09/02 09:14
S68	628	(606/213).CCLS.	USPAT; USOCR	OR	OFF	2005/09/02 14:14
S69	305556	S68 and lead or electrode	USPAT	OR	OFF	2005/09/02 14:15
S70	145	S68 and (lead or electrode)	USPAT	OR	OFF	2005/09/02 14:17
S71	76	S68 and (lead or electrode) and (glue or adhesive)	USPAT	OR	OFF	2005/09/02 14:23
S72	400	(604/180).CCLS.	USPAT; USOCR	OR	OFF	2005/09/02 14:23
S73	381	S72	USPAT	OR	OFF	2005/09/02 14:23
S74	401224	S72 nd (glue or adhesive)	USPAT	OR	OFF	2005/09/02 14:24
S75	339	S72 and (glue or adhesive)	USPAT	OR	OFF	2005/09/02 14:24

## EAST Search History

S76	2	S72 and (glue or adhesive) and capsule	USPAT	OR	OFF	2005/09/02 14:24
S77	44	S72 and (glue or adhesive) and (capsule or bag)	USPAT	OR	OFF	2005/09/02 14:25
S78	10	S72 and (glue or adhesive) with (capsule or bag)	USPAT	OR	OFF	2005/09/02 14:27
S79	52	glue with (within or in or inside) with tip with electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/21 15:56
S80	1	tissue with (glue or adhesive) with (within or inside) with tip with electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/21 15:57
S81	18	tissue with (glue or adhesive) with (within or inside) with electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/21 15:57
S82	47	glue same electrode same (medical or implantable)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 16:10
S83	7	S82 and (burst or break)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 15:53
S84	140	glue same tip with electrode	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 16:01
S85	34	glue same tip with electrode with inside	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 16:01
S86	34	glue with tip with electrode with inside	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 16:01
S87	1	lead same (medical or implantable) same glue with (guard or protect\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 16:11
S88	1	lead same (medical or implantable) same glue with (guard\$3 or protect\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 16:26
S89	4	lead same (medical or implantable) same glue same (guard\$3 or protect\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 16:25



## EAST Search History

S90	1	("6190353").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 16:25
S91	14	lead same (medical or implantable) same (glue or adhesive) with (fluid)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 16:51
S92	1	("6516230").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 16:40
S93	1	("4282886").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 16:41
S94	8	("4282886").URPN.	USPAT	OR	OFF	2006/07/18 16:44
S95	0	"20040068299"	USPAT	OR	OFF	2006/07/18 16:44
S96	1	("20040068299").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 16:44
S97	21	lead same (medical or implantable) same (glue or adhesive) with (liquid)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 17:08
S98	335	lead same catheter same lumen same advanc\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 17:09
S99	85	electrode with lead same catheter same lumen same advanc\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 17:09
S10 0	28	S99 and @pd<"20030205"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 17:38
S10 1	547	(607/116).CCLS.	USPAT	OR	OFF	2006/07/18 17:38
S10 2	245	(607/119).CCLS.	USPAT; USOCR	OR	OFF	2006/07/18 17:38
S10 3	1097	(607/122).CCLS.	USPAT; USOCR	OR	OFF	2006/07/18 17:38
S10 4	213	(607/126).CCLS.	USPAT; USOCR	OR	OFF	2006/07/18 17:38
S10 5	118	(607/129).CCLS.	USPAT; USOCR	OR	OFF	2006/07/18 17:38
S10 6	701	(607/149).CCLS.	USPAT; USOCR	OR	OFF	2006/07/18 17:38
S10 7	2365	S101 S102 S103 S104 S105 S106	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 18:14

## EAST Search History

S10 8	2	((("20020077685") or ("4827940")). PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/18 18:14
S10 9	1502	abla\$4 same (adhesive or glue)	USPAT	OR	ON	2007/01/03 15:30
S11 0	506	S109 and medic\$3	USPAT	OR	ON	2007/01/03 15:23
S11 1	409	S110 and lead	USPAT	OR	ON	2007/01/03 15:29
S11 2	246	S111 and @pd<"20030205"	USPAT	OR	ON	2007/01/03 15:30
S11 3	230	abla\$4 same (adhesive or glue). same (tissue or heart or body or \$cardium)	USPAT	OR	ON	2007/01/03 15:39
S11 4	148	S113 and @pd<"20030205"	USPAT	OR	ON	2007/01/03 16:19
S11 5	23	abla\$4 same (adhesive or glue) same (tissue or heart or body or \$cardium) same lead	USPAT	OR	ON	2007/01/03 16:18
S11 6	12	S115 and @pd<"20030205"	USPAT	OR	ON	2007/01/03 15:39
S11 7	192	abla\$4 same (adhesive or glue) same (tissue or heart or body or \$cardium) and (lead or catheter)	USPAT	OR	ON	2007/01/03 15:39
S11 8	154	abla\$4 same (adhesive or glue) same (tissue or heart or body or \$cardium) and lead	USPAT	OR	ON	2007/01/03 15:39
S11 9	98	S118 and @pd<"20030205"	USPAT	OR	ON	2007/01/03 15:39
S12 0	3349	(adhesive or glue) same (tissue or heart or body or \$cardium) same lead	USPAT	OR	ON	2007/01/03 16:19
S12 1	388	S120 same (guard\$3 or protect\$3)	USPAT	OR	ON	2007/01/03 16:29
S12 2	294	S121 and @pd<"20030205"	USPAT	OR	ON	2007/01/03 16:51
S12 3	11	S120 same guard\$3	USPAT	OR	ON	2007/01/03 16:51
S12 4	78	S120 same shield\$3	USPAT	OR	ON	2007/01/03 16:51
S12 5	60	S124 and @pd<"20030205"	USPAT	OR	ON	2007/01/03 16:51
S12 6	1	("6475179").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/03 17:10